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APPLICATION

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FOR UNITED STATES LETTERS PATENT

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SPECIFICATION

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TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, MICHAEL ARNONE, a citizen of UNITED
25 STATES OF AMERICA, have invented a new and useful DESIGN
MAKING TOY of which the following is a specification:

DESIGN MAKING TOY

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BACKGROUND OF THE INVENTION

Field of the Invention

10 The present invention relates to design making devices and more particularly pertains to a new design making device for making stickers having swirl designs positioned thereon.

15 Description of the Prior Art

 The use of design making devices is known in the prior art. While these devices fulfill their respective, particular objectives and requirements, the need remains for a device that allows a child to make 20 swirl designs which are selectively positionable on stickers.

SUMMARY OF THE INVENTION

 The present invention meets the needs presented above by providing 25 a device for holding stickers, or panels, such that the stickers may be rotated such that as a writing utensil is abutted against the sticker, a swirl design is drawn on the sticker.

 To this end, the present invention generally comprises a housing 30 having a bottom wall, an upper wall and a peripheral wall extending between the upper and bottom walls. A motor is mounted in the housing. An axle is coupled to the motor and extends upwardly through the upper wall. The motor is adapted for rotating the axle. A platform is attached to

the axle such that the axle extends through the platform. The axle is orientated substantially perpendicular to a plane of the platform. An actuator is operationally coupled to the motor for selectively turning the motor on or off. A panel has an upper surface and a bottom surface. The 5 panel has a centrally located aperture extending therethrough. The panel is removably positionable on the platform such that the axle extends through the aperture and the upper surface faces away from the platform. The platform may be rotated and a writing utensil positioned against the upper surface such that a spiral design is positioned on the upper surface.

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There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional 15 features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

The objects of the invention, along with the various features of novelty which characterize the invention, are pointed out with particularity 20 in the claims annexed to and forming a part of this disclosure.

BRIEF DESCRIPTION OF THE DRAWINGS

The invention will be better understood and objects other than those set forth above will become apparent when consideration is given to the 25 following detailed description thereof. Such description makes reference to the annexed drawings wherein:

Figure 1 is a schematic perspective view of a design making toy 30 according to the present invention.

Figure 2 is a schematic side view of the present invention.

Figure 3 is a schematic cross-sectional view take along line 3-3 of Figure 1 of the present invention.

5 Figure 4 is a schematic cross-sectional view of the panel of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENT

10 With reference now to the drawings, and in particular to Figures 1 through 4 thereof, a new design making device embodying the principles and concepts of the present invention and generally designated by the reference numeral 10 will be described.

15 As best illustrated in Figures 1 through 4, the design making toy 10 generally comprises a housing 12 having a bottom wall 14, an upper wall 16 and a peripheral wall 18 extending between the upper 16 and bottom 14 walls. The housing 12 has a door 20 removably positioned therein for selectively accessing an interior of the housing 12. The door 20 preferably
20 takes the form of a cap which includes the bottom wall 14 and which is threadably coupled to the peripheral wall 18. The upper 16 and bottom 14 walls preferably each have a circular shape and a diameter of less than three inches so that a child may easily grip the housing 12.

25 A motor 22 is mounted in the housing 12. The motor 22 is positioned nearer the upper wall 16 than the bottom wall 14 and may be held in place by a peripheral flange 24 positioned within the housing 12. The motor 22 is preferably an electric motor. An actuator 26 is operationally coupled to the motor 22 for selectively turning the motor 22
30 on or off. Conventional batteries 28 may be positioned within the housing 12 for powering the motor 22.

An axle 30 is coupled to the motor 22 and extends upwardly through the upper wall 16. The motor 22 is adapted for rotating the axle 30 such that the axle 30 has a rotational axis orientated generally parallel to the upper 16 and bottom 14 walls. A platform 32 is attached to the axle 30 5 such that the axle 30 extends through the platform 32. The axle 30 is orientated substantially perpendicular to a plane of the platform 32. The platform 32 has a substantially circular shape and the axle 30 extends through an axis of the platform 32.

10 A panel 34 has an upper surface 36 and a bottom surface 38. The panel 34 has a centrally located aperture 40 extending therethrough. A conventional pressure sensitive adhesive 42 is positioned on and generally covers the bottom surface 38 of the panel 34. A selectively removably covering 44, or non-stick backing, is positioned on the adhesive 42.

15 In use, the panel 34 is removably positionable on the platform 32 such that the axle 30 extends through the aperture 40 and the upper surface 36 faces away from the platform 32. The platform 32 may be rotated and a writing utensil 46 positioned against the upper surface 36 such that a 20 spiral design is positioned on the upper surface 36. The writing utensil 46 may be any conventional writing utensil including, but not limited to, pencils, markers, pens and the like. When the user has completed the desired design on the upper surface 36, the panel 34 is removed from the platform 32 and the covering 44 removed so that the panel 34 may be 25 adhered to an object. It is preferred that the toy 10 includes a plurality of panels 34.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to 30 include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to

one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

5 Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may
10 be resorted to, falling within the scope of the invention.